

| L Number | Hits | Search Text | DB | Time stamp |
|-------------|------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|
| 1 | 3 | (("6061904") or ("5785119") or ("5768928")).PN. | USPAT | 2002/07/01 15:05 |
| 2 | 333 | ((72/171) or (72/411)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/01 15:34 |
| 9 | 7 | (("4811581") or ("4633698") or ("4491004") or ("4304114") or ("3826121") or ("3724250") or ("3156034")).PN. | USPAT | 2002/07/01 15:35 |
| 10 | 0 | ((("4811581") or ("4633698") or ("4491004") or ("4304114") or ("3826121") or ("3724250") or ("3156034")).PN.) and stee | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/01 15:35 |
| 17 | 1 | ((("4811581") or ("4633698") or ("4491004") or ("4304114") or ("3826121") or ("3724250") or ("3156034")).PN.) and steel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/01 15:35 |

| L Number | Hits | Search Text | DB | Time stamp |
|-------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|
| - | 1617 | ((228/164) or (228/169) or (228/173.1) or (228/4.1) or (228/5.1) or (228/15.1) or (228/17) or (228/17.5)).CCLS. | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 13:34 |
| - | 28 | ((228/164) or (228/169) or (228/173.1) or (228/4.1) or (228/5.1) or (228/15.1) or (228/17) or (228/17.5)).CCLS.) and (bend bent bending) with steel | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/01/08 17:53 |
| - | 80118 | (72/\$).ccls. | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:39 |
| - | 1195 | ((bent bend bending) with steel) and ((72/\$).ccls.) | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 13:41 |
| - | 358 | ((bent bend bending) with steel) and ((72/\$).ccls.) and ((cross-section) (cross adj section)) | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 13:43 |
| - | 288 | ((bent bend bending) with steel) and ((72/\$).ccls.) and ((cross-section) (cross adj section)) and (cylinder cylindrical circular tubular) | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:01 |
| - | 200 | ((bent bend bending) with steel) and ((72/\$).ccls.) and ((cross-section) (cross adj section)) and (cylinder cylindrical circular tubular) and ((cross-section) (cross adj section) with steel) | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 13:47 |
| - | 61 | ((bent bend bending) with steel) and ((72/\$).ccls.) and ((cross-section) (cross adj section)) and (cylinder cylindrical circular tubular) and ((cross-section) (cross adj section) with steel) and (l-shaped u-shaped (l adj shaped) (u adj shaped)) | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:05 |
| - | 47 | ((bent bend bending) with steel) and ((72/\$).ccls.) and ((cross-section) (cross adj section)) and (cylinder cylindrical circular tubular) and (roll-form\$3 (roll adj form\$3)) | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:01 |

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|---|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------|
| - | 221 | ((bent bend bending) with steel) and ((72/\$).ccls.) and ((cross-section) (cross adj section))) and (cylinder cylindrical) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:01 |
| - | 2 | (seizu).in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:18 |
| - | 0 | (kiyoshi with seizu).in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:18 |
| - | 64 | ((bent bend bending) with steel) and ((72/\$).ccls.) and ((cross-section) (cross adj section))) and (cylinder cylindrical)) and (I-shaped u-shaped (I adj shaped) (u adj shaped)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:18 |
| - | 1761 | (bend bent bending) same steel same cylinder | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:20 |
| - | 150 | ((72/\$).ccls.) and ((bend bent bending) same steel same cylinder) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:20 |
| - | 54 | (bend bent bending) same steel same cylinder same (cross-section) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:20 |
| - | 119 | (bend bent bending) same steel same cylinder same (cross adj section) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:21 |
| - | 119 | ((bend bent bending) same steel same cylinder same (cross-section)) ((bend bent bending) same steel same cylinder same (cross adj section)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:22 |
| - | 13 | ((72/\$).ccls.) and (((bend bent bending) same steel same cylinder same (cross-section)) ((bend bent bending) same steel same cylinder same (cross adj section))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:24 |

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| - | 138 | (belt with shape\$1 with steel) same (bend bent bending) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:30 |
| - | 10 | (belt with shape\$1 with steel) same (bend bent bending) same cylinder | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:32 |
| - | 3 | (belt adj shape\$1 with steel) same (bend bent bending) same cylinder | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:34 |
| - | 198 | (bent with work).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:35 |
| - | 7305 | (bending with (device method)).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:36 |
| - | 9966 | (bending with (device method)).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:37 |
| - | 3269 | ((bent with work).ti.) ((bent with work).clm.) ((bending with (device method)).clm.) ((bending with (device method)).ti.)) and steel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:38 |
| - | 80 | ((((bent with work).ti.) ((bent with work).clm.) ((bending with (device method)).clm.) ((bending with (device method)).ti.)) and steel) and (steel with cylinder) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:38 |
| - | 35190 | (228/\$).ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:39 |
| - | 114330 | ((72/\$).ccls.) ((228/\$).ccls.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 14:39 |

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| | | 30 | (((((bent with work).ti.) ((bent with work).clm.) ((bending with (device method)).clm.) ((bending with (device method)).ti.)) and steel) and (steel with cylinder)) and (((72/\$).ccls.) ((228/\$).ccls.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 15:26 |
| | | 0 | ((bent with work).ti.) and (((72/\$).ccls.) ((228/\$).ccls.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 15:26 |
| | | 118 | (bent with work).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 15:27 |
| | | 15 | (bent adj2 work).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 15:29 |
| | | 0 | (steel with cylinder with (bend bent bending)) same machinery | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 16:13 |
| | | 441 | steel with cylinder with (bend bent bending) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 16:15 |
| | | 434 | steel with cylinder with (bend bent bending) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 16:16 |
| | | 43 | (steel near2 (strip belt)) with cylinder with (bend bent bending) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 17:05 |
| | | 9 | ((steel near2 (strip belt)) with cylinder with (bend bent bending)) and roller | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/27 17:33 |
| | | 9 | ("("6349489") or ("5280945") or ("4340165") or ("5170973") or ("5499480") or ("5692353") or ("4846392") or ("4370230") or ("3928978")).PN. | USPAT | 2002/06/28 10:27 |
| | | 7 | ((("6349489") or ("5280945") or ("4340165") or ("5170973") or ("5499480") or ("5692353") or ("4846392") or ("4370230") or ("3928978")).PN.) and (cross-section (cross adj section)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 10:30 |

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| - | 751 | ((I-shape\$3 (I-shape\$3)) near2 (cross-section (cross adj section))) same steel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:41 |
| - | 275 | ((((I-shape\$3 (I-shape\$3)) near2 (cross-section (cross adj section))) same steel) and (bend bent bending)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 10:33 |
| - | 10 | ((((I-shape\$3 (I-shape\$3)) near2 (cross-section (cross adj section))) same steel) and ((bend bent bending) same cylinder same steel)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 10:38 |
| - | 26812 | construction near2 (machine machinery) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 10:39 |
| - | 0 | "27" and bearing | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 10:39 |
| - | 5628 | (construction near2 (machine machinery)) and bearing | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 10:40 |
| - | 6 | ((construction near2 (machine machinery)) and bearing) and (cylinder cylindrical) with (bend bending bent) with steel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 10:50 |
| - | 1006 | (cylinder cylindrical) with (bend bending bent) with steel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 10:52 |
| - | 6 | ((cylinder cylindrical) with (bend bending bent) with steel) and (construction near2 (machine machinery)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 10:52 |
| - | 2 | ((((cylinder cylindrical) with (bend bending bent) with steel) and (construction near2 (machine machinery))) and (((I-shape\$3 (I-shape\$3)) near2 (cross-section (cross adj section))) same steel)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 10:59 |

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| - | 6806 | (bearing with (unit receiv\$3)) same construction | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:02 |
| - | 14 | ((cylinder cylindrical) with (bend bending bent) with steel) and ((bearing with (unit receiv\$3)) same construction) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:03 |
| - | 2341 | hydraulic adj shovel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:04 |
| - | 5 | ((bearing with (unit receiv\$3)) same construction) and (hydraulic adj shovel) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:05 |
| - | 12025 | construction adj machine | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:05 |
| - | 4190 | construction adj machinery | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:06 |
| - | 14710 | construction adj machine) (construction adj machinery | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:07 |
| - | 779 | (hydraulic adj shovel) and ((construction adj machine) (construction adj machinery)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:08 |
| - | 1 | ((bend bending bent) with steel with cylinder) and ((hydraulic adj shovel) and ((construction adj machine) (construction adj machinery))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:36 |
| - | 3 | (bearing with receiv\$4) and ((hydraulic adj shovel) and ((construction adj machine) (construction adj machinery))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:13 |

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| - | 27 | ((I-shape\$3 (I-shape\$3)) near2 (cross-section (cross adj section))) same steel same cylinder | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:19 |
| - | 52258 | bearing adj2 (unit member) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:22 |
| - | 50 | ((((I-shape\$3 (I-shape\$3)) near2 (cross-section (cross adj section))) same steel) and (bearing adj2 (unit member))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:30 |
| - | 139485 | (29/\$).ccls | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:35 |
| - | 82690 | (72/\$).ccls | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:35 |
| - | 42556 | (228/\$).ccls | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:36 |
| - | 27 | ((bend bending bent) with steel with cylinder) and ((29/\$).ccls) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:36 |
| - | 44 | ((bend bending bent) with steel with cylinder) and ((72/\$).ccls) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:37 |
| - | 11 | ((bend bending bent) with steel with cylinder) and ((228/\$).ccls) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:37 |
| - | 64 | ((((bend bending bent) with steel with cylinder) and ((29/\$).ccls)) (((bend bending bent) with steel with cylinder) and ((72/\$).ccls)) (((bend bending bent) with steel with cylinder) and ((228/\$).ccls))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:40 |

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| | 0 | ((I-shape\$3 (I-shape\$3)) near2 (cross-section (cross adj section))) same steel) and (((bend bending bent) with steel with cylinder) and ((29/\$).ccls)) ((bend bending bent) with steel with cylinder) and ((72/\$).ccls)) ((bend bending bent) with steel with cylinder) and ((228/\$).ccls)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:40 |
| | 0 | ((I-shape\$3 (I-shape\$3)) near2 (cross-section (cross adj section))) and (((bend bending bent) with steel with cylinder) and ((29/\$).ccls)) ((bend bending bent) with steel with cylinder) and ((72/\$).ccls)) ((bend bending bent) with steel with cylinder) and ((228/\$).ccls)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:43 |
| | 92 | ((I-shape\$3 (I-shape\$3)) near2 (cross-section (cross adj section))) same (bend bent bending) same steel | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:45 |
| | 86477 | (bend bent bending).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:45 |
| | 61516 | (steel).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:45 |
| | 77558 | (cross-section).clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:45 |
| | 507 | ((bend bent bending).clm.) and ((steel).clm.) and ((cross-section).clm.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:45 |
| | 1497 | "507" and (I-shap\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:45 |
| | 50 | ((bend bent bending).clm.) and ((steel).clm.) and ((cross-section).clm.) and (I-shap\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:46 |

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| | 140 | <p>((I-shape\$3 (I-shape\$3)) near2 (cross-section (cross adj section))) same (bend bent bending) same steel) (((bend bent bending).clm.) and ((steel).clm.) and ((cross-section).clm.)) and (I-shap\$3))</p> | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 11:54 |
| | 53 | <p>((((I-shape\$3 (I-shape\$3)) near2 (cross-section (cross adj section))) same (bend bent bending) same steel) (((bend bent bending).clm.) and ((steel).clm.) and ((cross-section).clm.)) and (I-shap\$3))) and (belt strip)</p> | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/06/28 12:00 |